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NASA Procedural Requirements

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NPR 7120.5B

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Subject: NASA Program and Project Management Processes and Requirements

Responsible Office: Office of the Chief Engineer

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Preface

P.1 Purpose

This document establishes the management system for processes, requirements, and responsibilities for implementing NASA Policy Directive (NPD) 7120.4, Program/Project Management. This management system governs the formulation, approval, implementation, and evaluation of all Agency programs and projects established to Provide Aerospace Products and Capabilities (PAPAC). It is intended to support safe accomplishment of the NASA programs and projects, consistent with established Agency strategic planning, on schedule, and within budget, while satisfying the success criteria and requirements of multiple stakeholders and customers.

P.2 Applicability and Scope

P.2.1 This NASA Procedural Requirements (NPR) is applicable to NASA Headquarters and NASA Centers, including Component Facilities, and to the Jet Propulsion Laboratory to the extent specified in its contract.

P.2.2 This document provides the basic processes and requirements for the life cycle of all programs and projects. It shall be used specifically for programs/projects that provide aerospace products or capabilities, i.e., provide flight and ground systems, technologies, and operations for space and aeronautics. It is not required but may be used for other programs and projects.

P.2.3 While all requirements are to be addressed, program and project managers may tailor the approach to meeting the requirements to the specific needs of the program or project, consistent with program or project scope, complexity, visibility, cost, safety, and acceptable risk. Tailoring is a mechanism to encourage innovation in the development of products. All programs and projects shall comply with all applicable laws, regulations, Executive Orders, and Agency directives.

P.2.4 NPR 1000.2, the NASA Strategic Management Handbook; NPD 7120.4, Program/Project Management; and this NPR 7120.5 rank first, second, and third, respectively, in order of precedence for managing all NASA programs and projects, except if in conflict with statutory or regulatory requirements. Each Center is responsible for developing and implementing Center-level policies, processes, procedures, and requirements necessary to ensure successful program/project execution according to NPD 7120.4 and this document. This document contains references to laws, regulations, and other NPD's and NPR's, which provide more detailed information pertaining to these requirements and processes. Other references are provided for information.

P.3 Authority

P.3.1 42 U.S.C. 2473(c) (1), Section 203(c) (1) of the National Aeronautics and Space Act of 1958, as amended.

P.4 References

a. NPD 1000.1, NASA Strategic Plan.

- b. NPR 1000.2, Strategic Management Handbook.
- c. NPR 1000.3, The NASA Organization.
- d. NPD 7120.4, Program/Project Management.
- e. Additional references are inserted at the beginning of some chapters, and others are accessible in Appendix A.

P.5 Cancellation

NPR 7120.5A, NASA Program and Project Management Processes and Requirements,
dated April 3, 1998.

/s/ Theron Bradley
NASA Chief Engineer

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